Qi-Huang Zheng

List of Publications by Year
in descending order

55	1,218	430874 18	395702 33
papers	citations	h-index	g-index

56	56	56	1163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	HRD1 attenuates the high uptake of [18F]FDG in hepatocellular carcinoma PET imaging. Nuclear Medicine and Biology, 2021, 96-97, 27-34.	0.6	5
2	Radiosynthesis of a carbon-11 labeled tetrahydrobenzisoxazole derivative as a new PET probe for Î³-secretase imaging in Alzheimer's disease. Applied Radiation and Isotopes, 2020, 155, 108915.	1.5	0
3	Fully automated radiosynthesis and quality control of estrogen receptor targeting radiopharmaceutical 16Î±-[18F]fluoroestradiol ([18F]FES) for human breast cancer imaging. Applied Radiation and Isotopes, 2020, 160, 109109.	1.5	8
4	Radiosynthesis of a carbon-11 labeled PDE5 inhibitor [11C]TPN171 as a new potential PET heart imaging agent. Applied Radiation and Isotopes, 2020, 162, 109190.	1.5	5
5	Radioligands targeting purinergic P2X7 receptor. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127169.	2.2	14
6	Radiosynthesis of carbon-11 labeled PDE5 inhibitors as new potential PET radiotracers for imaging of Alzheimer's disease. Applied Radiation and Isotopes, 2019, 154, 108873.	1.5	8
7	Facile fully automated radiosynthesis and quality control of O-(2-[18F]fluoroethyl)- -tyrosine ([18F]FET) for human brain tumor imaging. Applied Radiation and Isotopes, 2019, 154, 108852.	1.5	5
8	Facile synthesis of carbon-11-labeled sEH/PDE4 dual inhibitors as new potential PET agents for imaging of sEH/PDE4 enzymes in neuroinflammation. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1654-1659.	2.2	2
9	Synthesis and in vitro biological evaluation of new P2X7R radioligands [11C]halo-GSK1482160 analogs. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1476-1480.	2.2	12
10	Radiosynthesis of a carbon-11-labeled AMPAR allosteric modulator as a new PET radioligand candidate for imaging of Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1177-1181.	2.2	4
11	Synthesis and initial in vitro characterization of a new P2X7R radioligand [18F]IUR-1602. Applied Radiation and Isotopes, 2019, 144, 10-18.	1.5	16
12	Synthesis and preliminary biological evaluation of a novel P2X7R radioligand [18F]IUR-1601. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1603-1609.	2.2	27
13	Synthesis of carbon-11-labeled 5-HT6R antagonists as new candidate PET radioligands for imaging of Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1836-1841.	2.2	7
14	Synthesis of N -(3-(4-[11 C]methylpiperazin-1-yl)â^'1-(5-methylpyridin-2-yl)â^'1 H -pyrazol-5-yl)pyrazolo[1,5- a]pyrimidine-3-carboxamide as a new potential PET agent for imaging of IRAK4 enzyme in neuroinflammation. Applied Radiation and Isotopes, 2018, 132, 6-12.	1.5	4
15	Development, validation and implementation of radio-HPLC methods for the P2X7-receptor-targeted [11C]GSK1482160 radiopharmaceutical. Applied Radiation and Isotopes, 2018, 142, 8-11.	1.5	4
16	Synthesis of carbon-11-labeled CK1 inhibitors as new potential PET radiotracers for imaging of Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2234-2238.	2.2	5
17	Synthesis of carbon-11-labeled isonicotinamides as new potential PET agents for imaging of GSK-3 enzyme in Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 740-743.	2.2	11
18	Synthesis of [11C]HG-10-102-01 as a new potential PET agent for imaging of LRRK2 enzyme in Parkinsonâ€™s disease. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1351-1355.	2.2	17

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19	Synthesis and preliminary biological evaluation of [11C]methyl (2-amino-5-(benzylthio)thiazolo[4,5-d]pyrimidin-7-yl)-d-leucinate for the fractalkine receptor (CX3CR1). Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2727-2730.	2.2	12
20	Synthesis and preliminary biological evaluation of radiolabeled 5-BDBD analogs as new candidate PET radioligands for P2X4 receptor. Bioorganic and Medicinal Chemistry, 2017, 25, 3835-3844.	3.0	14
21	Characterization of ¹¹C-GSK1482160 for Targeting the P2X7 Receptor as a Biomarker for Neuroinflammation. Journal of Nuclear Medicine, 2017, 58, 458-465.	5.0	109
22	Synthesis of [11C]MK-1064 as a new PET radioligand for imaging of orexin-2 receptor. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3694-3699.	2.2	19
23	Synthesis of carbon-11-labeled imidazopyridine- and purine-thioacetamide derivatives as new potential PET tracers for imaging of nucleotide pyrophosphatase/phosphodiesterase 1 (NPP1). Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1371-1375.	2.2	20
24	Fully automated synthesis of [18F]T807, a PET tau tracer for Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2953-2957.	2.2	24
25	Synthesis of [11C]GSK1482160 as a new PET agent for targeting P2X7 receptor. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1965-1970.	2.2	69
26	Synthesis of a PET tau tracer [11C]PBB3 for imaging of Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4587-4592.	2.2	28
27	Synthesis of [11C]CX-6258 as a new PET tracer for imaging of Pim kinases in cancer. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3831-3835.	2.2	4
28	Synthesis of carbon-11-labeled aminoalkylindole derivatives as new candidates of cannabinoid receptor radioligands for PET imaging of alcohol abuse. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5581-5586.	2.2	5
29	Facile and high-yield synthesis of N-(4-diethylamino)benzyl-4-[11C]methoxy-N-(p-tolyl)benzenesulfonamide as a new potential PET selective CB2 radioligand. Applied Radiation and Isotopes, 2014, 90, 181-186.	1.5	6
30	Concise and high-yield synthesis of T808 and T808P for radiosynthesis of [18F]-T808, a PET tau tracer for Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 254-257.	2.2	24
31	Synthesis of a new fluorine-18-labeled bexarotene analogue for PET imaging of retinoid X receptor. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1742-1747.	2.2	5
32	Synthesis of carbon-11-labeled 4-(phenylamino)-pyrrolo[2,1-f][1,2,4]triazine derivatives as new potential PET tracers for imaging of p38Î± mitogen-activated protein kinase. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3700-3705.	2.2	10
33	The first radiosynthesis of [11 C]AZD8931 as a new potential PET agent for imaging of EGFR, HER2 and HER3 signaling. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4455-4459.	2.2	10
34	Simple synthesis of new carbon-11-labeled 1,2,4-triazolo[4,3-a]quinoxalin-1-one derivatives for PET imaging of A3 adenosine receptor. Applied Radiation and Isotopes, 2014, 91, 71-78.	1.5	7
35	A high-yield route to synthesize the P-glycoprotein radioligand [11C]N-desmethyl-loperamide and its parent radioligand [11C]loperamide. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5259-5263.	2.2	14
36	Synthesis of a New Carbon-11â€“Labeled Sulfamate Derivative as a Potential PET Tracer for Imaging of Breast Cancer Aromatase and Steroid Sulfatase Expression. Synthetic Communications, 2011, 41, 1127-1140.	2.1	5

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37	Synthesis and in vitro biological evaluation of carbon-11-labeled quinoline derivatives as new candidate PET radioligands for cannabinoid CB2 receptor imaging. Bioorganic and Medicinal Chemistry, 2010, 18, 2099-2106.	3.0	30
38	Radiosynthesis of New Carbon-11-labeled Nimesulide Analogs as Potential PET SAER Tracers for Imaging of Aromatase Expression in Breast Cancer. Synthetic Communications, 2010, 40, 749-758.	2.1	2
39	IC-01-04: Neuroinflammation and amyloid deposition: Concurrent [11 C]PBR28 and [11 C]PIB PET imaging in patients with Alzheimer's disease, mild cognitive impairment, and older adults with cognitive complaints. , 2010, 6, S3-S4.		3
40	Synthesis of new carbonâ€11â€labeled 7â€aroylâ€aminoindolineâ€1â€sulfonamides as potential PET agents for imaging of tubulin polymerization in cancers. Journal of Labelled Compounds and Radiopharmaceuticals, 2008, 51, 6-11.	1.0	14
41	Synthesis and biodistribution of new radiolabeled high-affinity choline transporter inhibitors [11C]hemicholinium-3 and [18F]hemicholinium-3. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2220-2224.	2.2	31
42	Purification of carbon-11 PET radiotracers from unlabeled precursors by preparative HPLC and SPE. Biomedical Chromatography, 2005, 19, 671-676.	1.7	91
43	ntPET: A New Application of PET Imaging for Characterizing the Kinetics of Endogenous Neurotransmitter Release. Molecular Imaging, 2005, 4, 7290.2005.05130.	1.4	61
44	[11C]Choline as a PET biomarker for assessment of prostate cancer tumor models. Bioorganic and Medicinal Chemistry, 2004, 12, 2887-2893.	3.0	67
45	AB INITIO MO CALCULATION STUDIES FOR SEVERAL NOVEL ENTRIES TO TROPANE COMPOUNDS. Journal of Theoretical and Computational Chemistry, 2004, 03, 305-323.	1.8	1
46	Synthesis of MMP inhibitor radiotracer [11C]CGS 25966, a new potential pet tumor imaging agent. Journal of Labelled Compounds and Radiopharmaceuticals, 2003, 46, 343-351.	1.0	15
47	Facile synthesis of [11C]edrophonium and its analogues as new potential PET imaging agents for heart acetylcholinesterase. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 1787-1790.	2.2	16
48	A Convenient Procedure for the Synthesis of O6-Benzylguanine Derivatives by Phase Transfer Catalysis. Synthetic Communications, 2003, 33, 941-952.	2.1	11
49	Synthesis and preliminary biological evaluation of radiolabeled O6-benzylguanine derivatives, new potential PET imaging agents for the DNA repair protein O6-alkylguanine-DNA alkyltransferase in breast cancer. Nuclear Medicine and Biology, 2003, 30, 405-415.	0.6	38
50	Synthesis, biodistribution and micro-PET imaging of a potential cancer biomarker carbon-11 labeled MMP inhibitor (2R)-2-[[4-(6-fluorohex-1-ynyl)phenyl]sulfonylamino]-3-methylbutyric acid [11C]methyl ester. Nuclear Medicine and Biology, 2003, 30, 753-760.	0.6	62
51	Synthesis and preliminary biological evaluation of MMP inhibitor radiotracers [11C]methyl-halo-CGS 27023A analogs, new potential PET breast cancer imaging agents. Nuclear Medicine and Biology, 2002, 29, 761-770.	0.6	79
52	[11C]choline as a potential PET marker for imaging of breast cancer athymic mice. Nuclear Medicine and Biology, 2002, 29, 803-807.	0.6	39
53	Synthesis of radiolabeled O6-benzylguanine derivatives as new potential PET tumor imaging agents for the DNA repair protein O6-alkylguanine-DNA alkyltransferase. Journal of Labelled Compounds and Radiopharmaceuticals, 2002, 45, 1239-1252.	1.0	15
54	Synthesis of MMP inhibitor radiotracers [11C]methyl-CGS 27023A and its analogs, new potential PET breast cancer imaging agents. Journal of Labelled Compounds and Radiopharmaceuticals, 2002, 45, 449-470.	1.0	31

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55	PET imaging of the pre-synaptic dopamine uptake sites in rapid-onset dystonia-parkinsonism (RDP). Movement Disorders, 1999, 14, 132-137.	3.9	73